1 2 3 4 5 6	1 1 1 1 14	("5,178,181").PN. ("5666987").PN. ("3772193").PN. ("5507945").PN.	DB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	
3 4 5 6 7 8	1 1 1 14	("5666987").PN.  ("3772193").PN.  ("5507945").PN.  (US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT	2003/01/14 08:20 2003/01/14 08:22 2003/01/14 08:53 2003/01/14 08:53
3 4 5 6 7 8	1 1 1 14	("5666987").PN.  ("3772193").PN.  ("5507945").PN.  (US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT	2003/01/14 08:22 2003/01/14 08:53 2003/01/14 08:53
4 5 6 7 8	1 1 14	("3772193").PN.  ("5507945").PN.  (US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT	2003/01/14 08:22 2003/01/14 08:53 2003/01/14 08:53
4 5 6 7 8	1 1 14	("3772193").PN.  ("5507945").PN.  (US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT	
5 6 7 8	1 14	("5507945").PN.  (US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	USPAT; US-PGPUB USPAT; US-PGPUB USPAT	2003/01/14 08:53 2003/01/14 08:53
5 6 7 8	1 14	("5507945").PN.  (US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	US-PGPUB USPAT; US-PGPUB USPAT	2003/01/14 08:53
7 8	0	(US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	USPAT; US-PGPUB USPAT	
7 8	0	(US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$ or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	US-PGPUB USPAT	
7 8	0	US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.	USPAT	2003/01/14 08:54
7 8	0	US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$ or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.		2003/01/14 08:54
8	_	US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$ or US-5525223-\$ or US-5507945-\$).did.		
8	_	US-5525223-\$ or US-5507945-\$).did.		
8	_			
	2		USPAT;	2002/01/14 00 54
	2		US-PGPUB	2003/01/14 08:54
		((US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$	USPAT;	2003/01/14 09:16
		or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$	US-PGPUB	2003/01/14 09:16
		or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$	03-1 GI 0B	
		or US-5525223-\$ or US-5507945-\$).did.) and cyanuric		
9	5	((US-6340431-\$ or US-4546503-\$ or US-5795551-\$ or US-4181702-\$	USPAT;	2003/01/14 09:57
		or US-5666987-\$ or US-5178181-\$ or US-4555347-\$ or US-4250910-\$	US-PGPUB	
		or US-4115270-\$ or US-3772193-\$ or US-3312235-\$ or US-5916533-\$		
		or US-5525223-\$ or US-5507945-\$).did.) and (heater and filter)		
10	11	(("3772193") or ("4181702") or ("4115270") or ("4250910") or	USPAT;	2003/01/14 09:57
		("5178181") or ("5507945") or ("5525223") or ("5666987") or	US-PGPUB	
_	661	("4546503") or ("5795551") or ("4555347")).PN.		
	001	4/430	USPAT;	2003/01/13 12:07
	0	4/496 and cyanide	US-PGPUB	
1		" 120 mid Cymride	USPAT; US-PGPUB	2003/01/13 12:07
	0	4/496 and (cyanuric adj acid)	USPAT;	2002/01/12 12:09
		( <b>)</b>	US-PGPUB	2003/01/13 12:08
	503	4/496 and pool	USPAT;	2003/01/13 12:08
			US-PGPUB	2003/01/13 12:00
.	4	(4/496 and pool) and feeder	USPAT;	2003/01/13 12:11
			US-PGPUB	
· [	430	4/490	USPAT;	2003/01/13 12:11
1		4/400	US-PGPUB	
	13	4/490 and acid	USPAT;	2003/01/13 12:11
	0	4/400 and (automatic at 11 11)	US-PGPUB	
	U	4/490 and (cyanuric adj acid)	USPAT;	2003/01/13 12:13
	6	4/490 and feeder	US-PGPUB	
	١ "	und teedel	USPAT;	2003/01/13 12:14
	2084	cyanuric adj acid	US-PGPUB USPAT;	2003/01/12 12:15
		•	US-PGPUB	2003/01/13 12:15
	210	(cyanuric adj acid) and pool	USPAT;	2003/01/13 12:15
	j	, ,	US-PGPUB	2003/01/13 12.13
İ	30	((cyanuric adj acid) and pool) and feeder	USPAT;	2003/01/13 12:18
	ľ		US-PGPUB	12.10
	52642	239/\$.ccls.	USPAT;	2003/01/13 12:18
			US-PGPUB	
	75070	222/\$.ccls.	USPAT;	2003/01/13 12:18
	20016	4/01-	US-PGPUB	
	28816	4/\$.ccls.	USPAT;	2003/01/13 12:18
	149888	230/\$ colo or 222/\$ colo or 4/\$1-	US-PGPUB	
	147000	239/\$.ccls. or 222/\$.ccls. or 4/\$.ccls.	USPAT;	2003/01/13 12:18
[	1666	(239/\$.ccls. or 222/\$.ccls. or 4/\$.ccls.) and (swimming adj pool)	US-PGPUB	2002/01/12 : 5 : 5
	1000		USPAT;	2003/01/13 12:18
	110	//33D/# 1	US-PGPUB USPAT;	2003/01/12 12:10
	-	/C 1 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US-PGPUB	2003/01/13 12:19



-	1	(((239/\$.ccls. or 222/\$.ccls. or 4/\$.ccls.) and (swimming adj pool)) and (feeder or dispenser)) and (permeable adj bag)	USPAT; US-PGPUB	2003/01/13 12:23
-	1	(reeder or dispenser)) and (permeable adj bag)	USPAT; US-PGPUB	2003/01/13 12:23
-	23	("0899054"   "1409248"   "1753508"   "1800642"   "1913760"   "2419845"   "2462034"   "3129172"   "3195558"   "3312235"   "3351290"   "3612080"   "3772193"   "3906994"   "3968932"   "4026673"   "4115270"   "4250910"   "4250911"   "4333493"   "4555347"   "5178181"   "5303729").PN.	USPAT	2003/01/13 12:23
-	8	3303727   114.   ("0618349"   "0817100"   "0846100"   "1150596"   "2738323"     "2889995"   "3195558"   "3612080").PN.	USPAT	2003/01/13 12:25
-	620	4/222	USPAT; US-PGPUB	2003/01/13 12:29
-	173	4/222 and (feeder or dispenser)	USPAT; US-PGPUB	2003/01/13 12:30
-	17	(4/222 and (feeder or dispenser)) and (Swimming adj pool)	USPAT; US-PGPUB	2003/01/13 12:31
-	0	((4/222 and (feeder or dispenser)) and (Swimming adj pool)) and permeable	USPAT; US-PGPUB	2003/01/13 12:31
-	5	((4/222 and (feeder or dispenser)) and (Swimming adj pool)) and bag	USPAT; US-PGPUB	2003/01/13 12:32
-	661	4/496	USPAT; US-PGPUB	2003/01/13 12:32
-	12	4/496 and (feeder or dispenser)	USPAT; US-PGPUB	2003/01/13 12:32
-	11	(4/496 and (feeder or dispenser)) and pool	USPAT; US-PGPUB	2003/01/13 12:34
-	430	4/490	USPAT; US-PGPUB	2003/01/13 12:34
-	15	4/490 and (feeder or dispenser)	USPAT; US-PGPUB	2003/01/13 12:34
-	13	(4/490 and (feeder or dispenser)) and pool	USPAT; US-PGPUB	2003/01/13 12:35
-	858	222/190	USPAT; US-PGPUB	2003/01/13 12:35
-	331	222/190 and (feeder or dispenser)	USPAT; US-PGPUB	2003/01/13 12:36
-	13	(222/190 and (feeder or dispenser)) and (swimming adj pool)	USPAT; US-PGPUB	2003/01/13 12:37
-	372	422/264	USPAT; US-PGPUB	2003/01/13 12:37
-	194	422/264 and (Feeder or dispenser)	USPAT; US-PGPUB	2003/01/13 12:37
-	91	(422/264 and (Feeder or dispenser)) and pool	USPAT; US-PGPUB	2003/01/13 12:37
-	1	((422/264 and (Feeder or dispenser)) and pool) and (permeable adj bag)	USPAT; US-PGPUB	2003/01/13 12:38
-	58	((422/264 and (Feeder or dispenser)) and pool) and inlet and outlet	USPAT; US-PGPUB	2003/01/13 12:38
-	47	(((422/264 and (Feeder or dispenser)) and pool) and inlet and outlet) and dissolve	USPAT; US-PGPUB	2003/01/13 12:38
-	17	((((422/264 and (Feeder or dispenser)) and pool) and inlet and outlet) and dissolve) and acid	USPAT; US-PGPUB	2003/01/13 12:39
-	2	((((422/264 and (Feeder or dispenser)) and pool) and inlet and outlet) and dissolve) and (cyanuric adj acid)	USPAT; US-PGPUB	2003/01/13 12:39